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Kitamura et al.

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(54) COMPUTER SYSTEM AND A METHOD OF
ASSIGNING A STORAGE DEVICE TO A
COMPUTER

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 269 days.

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2000.

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(35) Field of Search 711/153, 156, 707/200, 707/222

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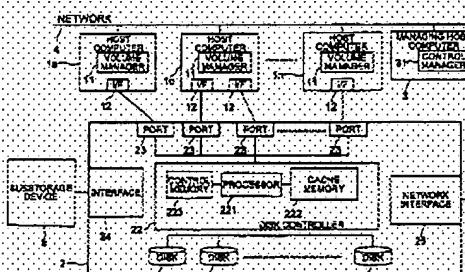
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(57) ABSTRACT

A computer system which has a plurality of computers and a storage device subsystem connected to the plurality of computers. The storage device subsystem has a plurality of storage devices and a plurality of interfaces, through which the subsystem is connected to the computers. One of the plurality of computers has a management means for holding therein data indicative of the storage devices and a connection relationship between the computers and storage device subsystem. Each computer, when wanting a new device, informs the management means of its capacity and type. The management means receives the notification and selects one of the storage devices which satisfies the request. And the management means instructs the storage device subsystem to set predetermined data in such a manner that the computer can access the selected device. The management means also returns predetermined data to the computer as a device assignment register, the assignment requested computer modifies setting thereof to allow the computer to operate on the assigned device.

18 Claims, 33 Drawing Sheets



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(2) United States Patent
Wong et al.(13) Patent No.: US 6,725,330 B1
(45) Date of Patent: Apr 20, 2004

(54) ADAPTABLE CACHE FOR DISC DRIVE

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1999.

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(56) Field of Search: 711/113, 123,

711/123, 173, 713/2, 1

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9	<input checked="" type="checkbox"/>	US 6684306	20040127	18	Data backup in presence of pending hazard	711/162	711/154;
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10	<input checked="" type="checkbox"/>	US 6647461	20031111	32	Disk array controller, its disk array control	711/114	710/313;
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